

## Business and Industry

### 7<sup>th</sup> grade - Adult

**To receive a special license with a business and industry endorsement, a person must:**

1. Have earned a high school diploma or its equivalent;
2. Have been employed for at least 5 years after the age of 16 in a position which relates to the endorsement area( see Clarification of Required Employment) ; and
3. Hold a valid license issued by the appropriate Nevada licensing board, if being licensed is a requirement by law for employment in the area of the endorsement (i.e., nurse, cosmetologist).

#### Clarification of Required Employment

Three of the 5 years of employment may be met by the completion of coursework or training in the career and technical education area related to the endorsement. Each of the following will be considered equivalent to one year of full-time employment:

- 16 semester credits from an accredited or licensed postsecondary institution
- 250 hours of training from an accredited or licensed postsecondary institution
- 2,000 hours of part-time employment
- 1,000 hours of pre-planned employment ( i.e. apprenticeship or on-the job training)

#### Business and Industry Endorsements

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| 1. Accounting                                       | 30. Digital and graphic arts                   |
| 2. Advertising design                               | 31. Drafting and design                        |
| 3. Agriculture and natural resources science*       | 32. Electrical technology                      |
|   | 33. Electronic technology                      |
| 4. Agriculture mechanical engineering technology*   | 34. Emergency medical technology               |
|   | 35. Engineering technology                     |
| 5. Air transportation                               | 36. Ethnic dance                               |
| 6. Airframe, aircraft and power plant               | 37. Ethnic music                               |
| 7. Automotive collision repair                      | 38. Fashion merchandising                      |
| 8. Automotive service technology*                   | 39. Food science and nutrition                 |
| 9. Building construction*                           | 40. Heating, ventilation and air-conditioning  |
| 10. Building maintenance                            | 41. Hospitality, travel and tourism            |
| 11. Business management and administrative services | 42. Interior decorating                        |
|   | 43. Interior design                            |
| 12. Cabinetmaking and millwork                      | 44. Manufacturing processes                    |
| 13. Carpentry                                       | 45. Marketing                                  |
| 14. Child care and guidance                         | 46. Masonry                                    |
| 15. Clothing, fashion, and textiles                 | 47. Medical assistant and medical technician   |
| 16. Commercial arts                                 | 48. Medical laboratory                         |
| 17. Communications and media                        | 49. Medical office management                  |
| 18. Computer data processing                        | 50. Metal fabrication                          |
| 19. Computer maintenance and repair                 | 51. Military science (JROTC)*                  |
| 20. Computer networking                             | 52. Nursing occupations                        |
| 21. Computer software                               | 53. Pharmacy assistant and pharmacy technician |
| 22. Computer system programming                     |  |
| 23. Computer website design                         |  |
|   | 54. Photography                                |
| 24. Cosmetology                                     | 55. Physical therapy                           |
| 25. Criminal justice                                | 56. Plumbing                                   |
| 26. Culinary arts                                   | 57. Small engines and power equipment          |
| 27. Dental assistant and dental technician          | 58. Sports medicine                            |
| 28. Dental laboratory                               | 59. Stage and theater                          |
| 29. Diesel mechanics                                | 60. Welding, brazing and soldering             |

## \*Additional Requirements for Specific Business and Industry Endorsements

- ✓ **Agriculture and natural resource sciences** requires industry experience in any 3 of the following areas: agriculture business and marketing, agriculture and natural resource sciences, animal sciences or veterinarian medicine, forestry, horticulture, floriculture, landscaping, or agriculture research.
- ✓ **Agriculture mechanical engineering technology** requires industry experience in agriculture construction and agriculture power.
- ✓ **Automotive service technology** requires certification by the National Institute for Automotive Service Excellence as a master automobile technician or an automobile technician in all the of these 4 areas: brakes, electrical and electronic systems, engine performance and suspension and steering.
- ✓ **Military science** requires certification by the Secretary of a branch of the military. This endorsement area is exempt from the U.S. Constitution requirement, the Praxis I (PPST) requirement, and the first-time renewal requirements.
- ✓ **Building construction** requires 2 years of experience in carpentry and 1 year of industry experience in either electrical, plumbing, or masonry.
- ✓ **Commercial arts** requires industry experience in any 2 of these areas: advertising design, graphic or digital arts, or photography.

### **First Time Renewal Requirements**

Submit official transcripts from an accredited postsecondary institution with 12 semester credits as follows\*:

- ✓ Three semester hours in professional career and technical education courses;
- ✓ Three semester hours in a course involving career and technical education teaching methodology;
- ✓ Three semester hours in a course on applied and/or work-based learning; **and**
- ✓ Three semester hours in a course on career and technical education student organization management.

**\*NOTE: A one-year provision will require completion of 3 credits in one of the areas.**